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ENUMERANTUR PLANTAE DAKOTAE SEPTENTRIONALIS VASCULARES.—VII.

ENUMERAVIT J. LUNELL.

The Vascular Plants of North Dakota.—VII.

With Notes by J. Lunell.

574. **Fragaria platypetala quadrifolia** Lunell in Am. Midl. Nat. Vol. II· 123. (1911).

Turtle Mountains: St. John.

575. **Fragaria ovalis** (Lehm.) Rydb. Bull. Torr. Club 33: 143. (1906).

Leeds, Butte.

576. **Fragaria ovalis quinata** Lunell in Am. Midl. Nat. Vol. II: 123. (1911).

Leeds.

577. **Fragaria glauca** (Wats.) Rydb. l. c. 183.

Fragaria ovalis glauca (Wats.)A. Nels. in Coult. Rocky Mt. Bot. 252. (1909).

Leeds, Butte.

578. **Fragaria bracteata** Heller, Bull. Torrey Bot. Club 25: 194. (1898).

Towner.

ERYTHROCOMA Greene in Leaflets Vol. I: 175. (1906).

579. **Erythrocoma triflora** (Pursh) Greene, l. c. 177.

Geum triflorum Pursh, Fl. Am. Sept. 736. (1814), but not *Geum ciliatum* Pursh l. c. 352, which is a different species growing in the far west (vide *E. ciliata* (Pursh) Greene, l. c. 175).

Leeds, Butte.

GEUM Plinius XXVI: 7. Gesner, Hort. Germ. 260. (1561), also Turner.

580. **Geum canadense** Jaquin, Hort. Vind. 2: 82. pl. 185. (1772).

Geum Carolinianum Walt. Fl. Car. 150. (1788).

Geum album Gmel. Syst. 2. 861. (1791).

Pleasant Lake, Jamestown.

581. **Geum macrophyllum** Willd. Enum. 557. (1809).

Along Missouri River. Peninsula of Lake Ibsen.

582. **Geum strictum** Ait. Hort. Kew. 2: 217. (1789).

Butte, Turtle Mountains.

RUBUS Virgilius, Ecl. 3: 89. Georg. 3315. Plinius 16: 37, 24: 14. Columella 3: 11, 4: 31. 7: 6.

583. **Rubus americanus** (Pers.) Britt. Mem. Torr. Bot. Club 5: 185. (1894).

Rubus triflorus Richardson, Franklin Journ. ed. 2. App. 19. (1823).

Rubus saxatilis var. *americanus* Pers. Syn. 2: 52. (1807).

Turtle Mountains.

BATIDAEA Greene, Leaflets I: 238. (1906).

584. **Batidaea vulgaris** Nwd. Am. Midl. Nat. Vol. IV. p. 70. (1915).

Batos idaeus Diosc. 4: 39. *Rubus idaeus* Plinius 16: 37, Tragus, Linn. Sp. Pl. 493. (1753). The species name *idaeus* is rejected, as it would be an ugly part repetition of the genus name.

Leeds, Peninsula of Lake Ibsen, Turtle Mountains.

Fam. 60. **SANGUISORBEAE** Spreng. Anleit. ed. 211. 861. (1818).

EUPATORIUM Dioscorides 4: 41. Tragus, Cordus, etc. Plinius 25: 6. *Agrimonia* Brunfels, Dodonaeus, Tour. Els. 251. (1694). I. R. H. 301. (1700). Linn. Gen. (1737 and 1754).

585. **Eupatorium Brittonianum** (Bickn.) Nwd. & Ll.

Agrimonia Brittoniana Bickn. Bull. Torr. Bot. Club 23: 517. (1896).

Butte, Turtle Mountains.

Family 61. **ROSACEAE** B. Jussieu, Trianon (1759);also A. Jussieu, Gen. IXX. 374. (1789).

ROSA Virgilius 4: 134. Aen. 12: 69. Culex 308. Tour. Els. 500. (1694), Linn. Syst. (1735).

586. **Rosa heliophila** Greene, Leaflets II: 132. (1911).

Rosa pratincola Greene, Pittonia IV: 13. (1899), *not* A. Braun (1888)

Leeds, Butte, Pleasant Lake.

587. **Rosa heliophila** var. **foliosissima** Lunell, in Am. Midl. Nat. Vol. II: 157. (1912).

York.

588. **Rosa Lunellii** Greene, Leaflets II: 132. (1911).

Devil's Lake.

589. **Rosa gratiosa** Lunell, Am. Midl. Nat. II: 154. (1912).

Devil's Lake, Turtle Mountains, Pleasant Lake.

590. **Rosa gratiosa** var. **dulcissima** Lunell, in Am. Midl. Nat. Vol. III: 137, (1913).

Rosa dulcissima Lunell, Am. Midl. Nat. II: 287. (1912)

Pleasant Lake, Turtle Mountains.

591. **Rosa polyanthema** Lunell in Am. Midl. Nat. Vol. III: 138. (1913).

On the banks of the Missouri at Bismarck.

592. **Rosa deserta** Lunell, Am. Midl. Nat. II: 156. (1912).

Pleasant Lake, Willow City.

593. **Rosa poetica** Lunell, Am. Midl. Nat. III: 139. (1913).

On the banks of the Missouri at Bismarck.

594. **Rosa terrens** Lunell, Am. Midl. Nat. II: 155. (1912).

Pleasant Lake.

595. **Rosa subnuda** Lunell, Am. Midl. Nat. II: 153. (1912).

Peninsula of Lake Ibsen, Butte.

596. **Rosa naiadum** Lunell, Am. Midl. Nat. III: 139. (1913).

River banks: Minot, Jamestown.

There are still in the state roses not mentioned here. All wild roses seem to possess a remarkable power to resist extinction through "improvement" of the land.

Family 62. **POMIFERAE** Ray, Meth. 30. (1682).

AUCUPARIA Rivinus ex Rupp. Fl. Jen. 190. (1726). Medicus, Geschichte 86. (1793).

597. **Aucuparia sylvestris** Medik. Gesch. 86. (1793).

Sorbus Aucuparia Linn. Sp. Pl. 477. (1753).

Leeds.

AMELANCHIER. Pena and Lobelius Obs. 60 Adv. 441. (1576), also Medic. Phil. Bot. 155. (1789).

598. **Amelanchier macrocarpa** Lunell, in Am. Midl. Nat. III: 143. (1913).

Pleasant Lake, Butte, Devils Lake.

OXYACANTHA Diosc. I: 105. Lobelius, J. Bauhin, etc.

599. **Oxyacantha chrysocarpa** (Ashe) Lunell.

Crataegus chrysocarpa Ashe.

Peninsula of Lake Ibsen, Pleasant Lake, Towner, Minot.

Family 63. **DRUPACEAE** Linn. Phil. Bot. 31. (1751) and (1754).

PRUNUS Dioscorides Mat. Med. 137. Tour. Els. 494. (1693), Linn. Gen. (1737 and 1755), in part.

600. **Prunus americana** Marsh. Arb. Am. III.)1785).

Peninsula of Lake Ibsen, Devil's Lake, Turtle Mountains.

601. **Prunus nigra** Ait. Hort. Kew. 2: 165. (1789).

Turtle Mountains: Fish Lake, St. John.

CERASUS Theophrastus, Hist. 3: 13, Tour. Els. 625. (1694). Linn. Syst. (1735).

602. **Cerasus Besseyi** (Bailey) Lunell.

Prunus Besseyi Bailey, Bull Cornell. Agric. Exp. Sta. 70. 261, (1894).

Butte (cultivated); Emmons Co.: Beaver Creek Valley (Brenckle).

603. **Cerasus pennsylvanica** (Linn. f.) Loisel. Arb.9. (1801–19).

Prunus pennsylvanica Linn. f. Suppl. 252. (1781).

Turtle Mountains.

PADUS Theophrastus, Hist. 4: 1. C. Bauhin etc. Linn. Syst. (1735), Gen. (1737), Miller. Gard. Dict. abr. ed. 4. (1754).

604. **Padus melanocarpa** (A. Nels.) Shafer in Britt. & Shaf. N. Amer. Trees 504. (1908).

Cerasus demissa melanocarpa A. Nels. Bot. Gaz. 34: 25. (1903).

Prunus melanocarpa (A. Nels.)Rydb. Bull. Torr. Bot. Club 33: 143. (1906).

Peninsula of Lake Ibsen, Butte, Pleasant Lake.

605. **Padus virginiana** (Linn.) Miller, Gard. Dict. ed. 8. no. 3. (1768).

Prunus virginiana Linn. Sp. Pl. 473. (1753).

Turtle Mountains.

Family 64. **LOMENTACEAE** Linn. Phil. Bot. (1751), pro maiore parte!

Mimoseae Robert Brown, Flander's Voyage, Bot. II, App. III. 551. (1814), also Bartling, Ord. Nat. Pl. 231 & 416. (1830).

Mimosaceae Reichenbach, Fl. Exc. 437. (1832).

ACUAN Med. Theod. Sp. 62. (1786).

Desmanthus Willd. Sp. Pl. 4: 1044. (1806).

606. **Acuan illinoensis** (Michx.) Kuntze, Rev. Gen. Pl. 158. (1891).

Mimosa illinoensis Michx. Fl. Bor. Am. 2:254. (1803).

Acacia brachyloba Willd. Sp. Pl. 4: 1071. (1806).

Desmanthus brachylobus Benth. in Hook. Journ. Bot. 4: 358. (1842).

Gravelly banks of Devil's Lake.

Family 65. **AMORPHACEAE** Nwd. (from local flora, not published yet.)

Principal character: Corolla with only one petal (the standard)

AMORPHA Linn. Hort. Cliff. 353. (1737), Gen. 229. (1737), 319. (1754).

607. **Amorpha fruticosa** (Linn. Sp. Pl. 713. (1753).

Banks of the Cannonball River, Wade, Morton Co. (W. B. Bell); Kulm (Brenckle).

608. **Amorpha nana** Nutt. Fras. Cat. (1813).

Amorpha microphylla Pursh, Fl. Am. Sept. 466. (1814).

Minot; Morton Co. (W. B. Bell.)

609. **Amorpha canescens** Pursh, Fl. Am. Sept. 467. (1814).

Butte, Brinsmade, Pingree, Berwick.

Family 66. **PAPILIONACEAE** Valerius Cordus[1] Hist. Pl. oCr. 187. (1561).

Also *Fabaceae* Cordus l. c.

Papilionaceae Linn. Phil. Bot. 33. (1751), also Tour. (*Papilionacei*), I. R. H. 643. (1700).

Leguminosae Boerhave, P. Hermann, Morison, etc.

PETALOSTEMUM Michx. Fl. Bor. Am. 2: 48. (1803).

Kuhnistera Lam. Encycl. 3: 370. (1789). Built on *Kuhnia*, the name is undesirable. Anyway *Kuhnistera* is thought separate from *Petalostemum* (*K. pinnata*.).

610. **Petalostemum candidum** (Willd.) Michx., Fl. Bor. Am. 2: 49. (1803).

Dalea candida Willd. Sp. Pl. 3: 1337. (1803).

Leeds, Butte.

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[1] *Cytisus Laburnum* "flores producit figura Fabaceos, seu Papilionaceos, quales in omnibus Leguminibus est videre."—*Cord.* l. c.

Although the name Fabaceae as by singular accident is also the one accepted nowadays by American authors, and is first mentioned by Cordus, the second name has been generally accepted. We would scarcely let positional priority go so far as to reject the latter after having been accepted by most botanists for over three centuries.—*Nwd. & Lll.*

611. **Petalostemum oligophyllum** (Torr. Rydb. Mem. N. Y. Bot. Gard. I: 237. (1900).

Petalostemum gracile var. *oligophyllum* Torr. in Emory, Mil. Reconn. 139. (1848).

Leeds, Dunsieth, Bismarck.

612. **Petalostemum purpureum** (Vent.) Rydb. Mem. N. Y. Bot. Gard. I: 238. (1900).

Dalea purpurea Vent. Pl. Jard. Cels. pl. 40. (1800).

Petalostemum violaceum Michx. Fl. Bor. Am. 2:50. (1803).

Leeds, Pleasant Lake, Towner: Kulm (Brenckle).

613. **Petalostemum villosum** Nutt. Gen. 2: 85 (1818).

Pleasant Lake; Denbigh (Bergman).

VULNERARIA Tour. Elémens 311. (1694), Gesner, Hist. Gen. 287. (1560).

Anthyllis Dodonaeus, Gall. (1557), not *Anthyllis* of the ancients which is *Cressa Cretica;* Linn. Gen. Pl. 320. (1754).

614. **Vulneraria rustica** Gesner, Hist Gen. 287. (1560), also Tour. l. c.; J. Bauhin, Hist. 2. (1623).

Vulneraria heterophylla (Tragus) Moench, teste Bubani, Fl. Pyr. 2: 468. (1900): "Nomen hoc in Tragi operibus non inveni."

Anthyllis Vulneraria Linn. Sp. Pl. 719. (1753).

Adventive from Europe. Fargo. (Cl. Waldron).

LUPINUS Plinius 18:41. "A *lupus* weil er wie ein Wolf die Erde verzehrt, i. e. auszerht."—Fraas, Fl. Classica 51. *Lupinus* Linn. Gen. Pl. 322. (1754).

615. **Lupinus argenteus** Pursh, Fl. Am. Sept. 468. (1814).

Morton Co. (W. B. Bell).

616. **Lupinus pusillus** Pursh, l. c.

Morton Co. (W. B. Bell); Dickinson (Cl. Waldron).

DALEA Linn. Gen. 349. (1737), also Gen. 366. (1742) and Hort. Cliff. 363. (1737) with plate XXV of the type, which is *Psoralea Dalea* or *Dalea alopecuroides.* Willd. Sp. Pl. 3: 1336. (1803). The type of genus is not *Dalea obovatifolia* Ort, as Britton says in Britt. & Br. Ill. Fl. II: 336. (1913). *Dalea* as a Linnaean genus had this plant as only specimen known, hence must be the type of Linnaeus.

Dalea not P. Br. (1756). *Parosela* Cav. Desc. 185. (1802).

617. **Dalea alopecuroides** l. c.

Psoralea Dalea Linn. Sp. Pl. 764. (1753).

Parosela Dalea Britt. Mem. Torr. Bot. Club 5: 196. (1894).

Kulm (Brenckle).

618. **Dalea enneandra** Nutt. Fraser's Cat. (1813).

Dalea laxiflora Pursh, Fl. Am. Sept. 741. (1814).

Parosela enneandra (Nutt.) Britton, l. c.

Mandan (Bergman).

THERMOPSIS R. Br. in Ait. Hort. Kew. Ed. 2, 3: 3. (1811).

619. **Thermopsis rhombifolia** (Nutt.) Richards. Frank. Journ. App. 13. (1813).

Cytisus rhombifolius Nutt. Frasers Cat. (1813).

Thermia rhombifolia Nutt. Gen. I: 282. (1818). The name *Thermia* is built on *Thermopsis.*

Williston (W. B. Bell).

PISUM Plinius 18: 7, 12. Virg. Aen. 1: 74. Colum. 2:10. 44. *Pison* Theophr. Hist. 8: 315, Caus. 3: 27. Tour., I. R. H. 394. (1700). Linn. Gen. 324. (1754).

620. **Pisum arvense** C. Bauhin, Pinax, 342. (1623).

Dickinson (Cl. Waldron).

621. **Pisum sativum** Linn.

Escaped from cultivation. Leeds.

MEDICA Virgilius, Georg. 1: 225, Plinius 18: 16, Varro 1: 42, Pallad. 3: 6, Colum. 2: 11. *Medike* Theophr. De Causis Plantarum, also Diosc. 2: 177. Also Tour. Elém. 327. (1694). Linn. Syst. (1735).

Medicago Moench, Miller, Scopoli, Adanson, Haller, etc.

Medicago Tour. is separate from *Medica* Tour.

622. **Medica sativa** Gesner, edit. Kyber (1553), also Rupr., Dabich, etc.

Medicago sativa Linn. Sp. Pl. 778. (1753).

Leeds, Pleasant Lake.

623. **Medica lupulina** Moench. Meth. 116. (1794).

Medicago lupulina Linn. Sp. Pl. 779. (1753).

Fargo (Cl. Waldron).

[*Medicago* is recognized by some authors with some species, as Moench. *Med. arborea*].

SERTULA Linn. Syst. (1735). Not related to *Serratula.*

Melilotus Dios. 3: 41 (Μελίλωτος ἐν Καμπάνια). Plinius 21: 2. ("Melilotus in Campania"; Plinius took many of his botanical things from Diosc. who was the original author). See Cato R. R. 107, Ovidius Meth 4: 440, Veget. de Re. r. 3: 6. *Mellilotus* Galenus, Rivinus, Juss. Gen. Pl. 356. (1789). Name rejected as built on *Lctus.*

624. **Sertula alba** (Desv.) Lunell.

Melilotus alba Desv. in Lam. Encyl. 4: 63. (1797).

Thorne (it grows in waste places as thickly as if it had been seeded); Leeds.

625. **Sertula maior** (Brunfels) Lunell.

Melilotus maior (author) Brunfels, Herb. Viv. Ic. 2: 64. (1531).

Melilotus germanica. Dod. Gull. 341. (1557).

Melilotus vera Gesner, Hist. Gen. (1561).

Melilotus vulgaris Caes. Lugd., *not* Willd. Enum. Hort. Berol. 790. (1809) = *Sertula alba.*

Trifolium Melilotus officinalis Linn. Sp. Pl. 765. (1753).

Leeds, York, Bismarck.

626. **Sertula Melilotus indica** (Linn.) Lunell.

Trifolium Melilotus indica Linn. Sp. Pl. 765. (1753).

Found as a waif, probably introduced from the west. Leeds.

TRIFOLIUM Plinius, and all writers subsequently. Tour. Elém. 32. (1694). Linn. Gen. Pl. 337. (1754).

627. **Trifolium procumbens** Linn. Sp. Pl. 772. (1753).

Wahpeton (Bergman).

628. **Trifolium incarnatum** Linn. Sp. Pl. 769. (1753).

Kulm (Brenckle).

629. **Trifolium pratense** Tragus Stirp. Hist. 586. (1552). Linn. Sp. Pl. 768. (1753).

Along the railroads, Leeds.

630. **Trifolium hybridum** Linn. Sp. Pl. 767. (1753).

Leeds; Kulm (Brenckle).

631. **Trifolium repens** Rivinus, Tetr. 17. (1691), Linn., Sp. Pl. 767. (1753).

Trifolium acutum Lanner?

Leeds; Kulm (Brenckle).

ACMISPON Raf. All. Jr. 144. (1832).

632. **Acmispon americanum** (Nutt.) Rydb. Bull. Torr. Bot. Club 640: 45. (1913).

Trigonella americana Nutt. Gen. Pl. 2: 120. (1818).

Lotus americanus (Nutt.) Bisch, Litt. Ber. Linnaea 14: 132. (1840).

Hosackia Purshiana Benth. Bot. Reg. Pl. 1257. (1829).

Leeds, Pleasant Lake, Willow City ; Kulm (Brenckle).

PSORALEA Royen, Hist. Leyd. 372. (1740). *Psoralia* Linn. Gen. 358. (1742). *Dalea* Linn. Gen. 349. (1737). Spelled *Psoralea* in in Sp. Pl. 762. (1753). *Dalea* was suppressed by him in Sp. Pl. (1753), its type reduced to *Psoralea* as *Psoralea Dalea*, l. c.

633. **Psoralea lanceolata** Pursh, Fl. Am. Sept. 475. (1814).

On the banks of the Missouri at Bismarck; Williston (W. B. Bell).

634. **Psoralea argophylla** Pursh, l. c.

Leeds, Butte.

635. **Psoralea esculenta** Pursh, l. c.

Leeds, Butte, Minnewaukan; Kulm (Brenckle).

GEOPRUMNON Rydb. Fl. of Colorado 195. (1906).

636. **Geoprumnon succulentum** (Rich.) Rydb. l. c. 203.

Astragalus succulentus Richardson.

Astragalus prunifer Rydb.

Medora (Bergman).

637. **Geoprumnon crassicarpum** (Nutt.) Rydb. l. c. 203.

Astragalus crassicarpus Nutt. Fraser's Cat. No. 6. (1813).

Astragalys carnosus Pursh, Fl. Am. Sept. 740. (1814), in part.

Astragalus caryocarpus Ker. Bot. Reg. pl. 176. (1816).

Leeds, Butte.

638. **Geoprumnon Plattense** (Nutt.) Rydb.

Astragalus Plattensis Nutt.; T. & G. Fl. N. A. I: 332. (1838).

Morton Co.: W. B. Bell.

ASTRAGALUS Dioscorides 4: 120, acc. to Fraas in Daubeny, Roman Husbandry 306. (1857). = *Astragalus christianus* Linn.

Tragacantha Tour. Elémens 330. (1694).

639. **Astragalus canadensis** Linn. Sp. Pl. 757. (1753).

Astragalus carolinianus Linn. Sp. Pl. 757. (1753).

Leeds, Butte, Turtle Mountains.

640. **Astragalus nitidus** Dougl.; Hook. Fl. Bor. Am. I: 149. (1834).

Astragalus adsurgens Hook. and Am. Authors; not Pall. (1800).

Butte, Sheyenne.

641. **Astragalus goniatus** Nutt.; T & G. Fl. N. A. I: 330. (1838).

Astragalus hypoglottis polyspermus T & G.

Astragelus hypoglottis Richardson; not Linn. (1771).

Leeds, Peninsula of Lake Ibsen, Towner, Rolette, Turtle Mountains; Kulm (Brenckle).

XYLOPHACOS Rydberg. Flora of Colorado 195. (1906).

642. **Xylophacos missouriensis** (Nutt.) Rydb. l. c. 206.

Astragalus missouriensis Nutt. Gen. 2: 99. (1818).

Minnewaukan, Pleasant Lake, Minot.

CTENOPHYLLUM Rydberg. Fl. of Colorado. 196. (1906).

643. **Ctenophyllum pectinatum** (Hook.) Rydb., l. c. 207.

Phaca pectinata Hook. Fl. Bor. Am. I: 141, pl. 54. (1830).

Astragalus pectinatus Dougl.; Hook. l. c. 142. (1830).

Minot; Williams Co. (W. B. Bell).

DIHOLCOS Rydb. Fl. of Colorado 196. (1906).

644. **Diholcos bisulcatus** (Hooker.) Rydb., l. c. 207.

Phaca bisulcata Hook. Fl. Bor. Am. I: 145. (1833).

Astragalus bisulcatus (Hook.) A. Gray, Pac. R. R. Rep. 12: part 2: 42, pl. 1. (1860).

Leeds, Oberon, Brinsmade; Kulm (Brenckle).

HOMALOBUS Nutt.; T & G. Fl. N. Am. I: 352. (1838).

645. **Homalobus tenellus** (Pursh) Britt. Ill. Fl. Vol. II: 305. (1897).

Astragalus tenellus Pursh, Fl. Am. Sept. 473. (1814).

Astragalus multiflorus A. Gray, Proc. Am. Acad. 6: 226. (1864).

Butte, Devils Lale.

646. **Homalobus flexuosus** (Dougl.) Rydb. Fl. of Colorado, l. c. 210.

Astragalus flexuosus Dougl.: Hook. Fl. Bor. Am. 1: 141 (1833).

Phaca flexuosa Hook. Fl. Bor. Am. I: 141. (1833).

Leeds, York, Butte; Morton Co. (W. B. Bell's no. 158).

CYSTOPORA (κύστις bladder, ὀπώρα, fruit) Lunell, nom. nov.

Phaca Diosc. = *Cicer Lens* Linn. *Aphaca* (᾿Αφάκη) = *Lathyrus Aphaca* Linn.

Phaca Royen, Fl. Lugd. 390. (1740). Linn. Gen. 370. (1742), Gen. 334. (1754).

Bubani uses *Astragalina* to replace *Astragalus*—*Astragaloides* Tour., I. R. H. 399& 223. (1700), as also Boerhave. Both of these names not acceptable as built on *Astragalus*.

647. **Cystopora lotiflora** (Hook.) Lunell.

Astragalus lotiflorus Hook. Fl. Bor. Am. I: 152. (1833).

Phaca lotiflora (Hook.) T & G. Fl. N. Am. I: 349. (1838).

Pleasant Lake.

648. **Cystopora elatiocarpa.** (Sheldon) Lunell.

Astragalus elatio carpus Sheldon, Minn. Bot. Stud. 9:20. (1894)

Phaca elatiocarpa (Sheldon) Rydb. Fl. of Colorado, l. c. 211.

Astragalus lotiflorus brachypus. A. Gray, Proc. Am. Acad. 6: 209 (1866), not *A. brachypus* Schrank. (1841).

Minot.

OROPHACA Britton, Ill. Flora Vol. II: 306. (1897).

649. **Orophaca caespitosa** (Nutt.) Britton, l. c.

Phaca caespitosa Nutt. Gen. 2:98. (1818).

Leeds, Butte, Knox.

CARAGANA Lam. Encycl. I: 615. (1783.)

650. **Caragana arborescens** Lam., l. c.

Native of Siberia. Pierce Co.: Barton. A shrub splendidly adapting itself for hedges.

ARAGALLUS Necker, Elém. 3: 12. (1790).

Spiesia Necker, Elém. 3: 13. (1790).

Oxytropis D. C. Astrag. 19. (1802).

651. **Aragallus gracilis** A. Nels. Erythea 7: 60. (1899).

Minot.

652. **Aragallus dispar** A. Nels. Erythea :7 61. (1899).

Butte.

653. **Aragallus monticola** (A. Gray) Greene, Pittonia 3 212. (1897).

Butte.

654. Aragallus **patens** Rydb. Bull. Torr. Bot. Club 34:421 (1907).

Kulm (Brenckle).

655. **Aragallus Lamberti** (Pursh) Greene, Pittonia, l. c.

Oxytropis Lamberti Pursh, Fl. Am. Sept. 740. (1814).

Spiesia Lamberti (Pursh) Kuntze, Rev. Gen. Pl. 207. (1891)

McHenry Co.: Sand Hills, Towner, Leeds.

656. **Aragallus Lamberti sericeus** (Nutt.) A. Nels. l. c. 62.

Aragallus sericeus (Nutt.) Greene.

Pleasant Lake.

657. **Aragallus Aven-Nelsonii** Lunell, in Bull. Leeds Herb. No. 2, p. 6. (1908).

Butte, Minot.

658. **Aragallus Richardsonii** (Hook.) Greene, Pittonia 4: 69. (1899).

Oxytropis splendens Richardsonii Hook., Fl. Bor. Am. I: 148 (1833).

Oxytropis Richardsonii (Hook.) Woot. & Standley Contr U. S. Nat. Herb. Vol. XIX: 370. (1915).

Leeds, Dunsieth. The loco weeds appear to have a bad reputation, but—in our state at least—they seem to be rather innocuous.

GLYCYRRHIZA Dioscorides 3: 7. Plinius 22: 9, 21: 25, 11: 54. *Dulcis Radix* Celsius 5: 23. Γλυκεῖα και σκυϑικηρίζα Theophrastus Hist. 9:13. *Glycyrrhiza* Tour. Elémens 309. (1694). Linn. Gen. 230. (1754).

659. **Glycyrrhiza lepidota** Pursh, Fl. Am. Sept. 480. (1814).

Leeds, Butte.

MEIBOMIA Adans. Fam. Pl. 2: 509. (1763). Heister.

Desmodium Desv. Journ. Bot. (II.) I: 122. (1813).

660. **Meibomia canadensis** (Linn.) Kuntze, Rev. Gen. Pl 195. (1891).

Hedysarum canadense Linn. Sp. Pl. 748. (1753).

Desmodium canadense DC. Prodr. 2: 328. (1825).

Maple Creek near Monango (Brenckle): Richland Co. (W. B. Bell).

VICIA Varro, De Re Rustica I: 31. Plinius 18: 15. Colum. 2: 14. Ovidius, Faet. 267. Tour. Els. 316. (1694).

661. **Vicia americana** Muhl.; Willd. Sp. Pl. 3: 1096. (1803)

Leeds, Pleasant Lake, Turtle Mountains, Towner, Minot; Bismarck (Brenckle).

662. **Vicia dissitifolia** (Nutt.) Rydb. Bull. Torr. Bot. Club. 33: 144. (1906).

Lathyrus dissitifolius Nutt.; T. &. G. Fl. N. Am. I: 276. (1838).

Minot.

663. **Vicia sparsifolia** Nutt. T. & G. Fl. N. Am. I: 270. (1838)

Lathyrus linearis Nutt.; T. & G. Fl. N. Am. I: 276. (1838).

Vicia linearis (Nutt.) Greene, Fl. Francis. 3. (1891).

Leeds, Willow City.

664. **Vicia sativa** Linn. Tan Suecus 254. (1749). Sp. Pl. 736 (1753).

Peninsula of Lake Ibsen; Dickinson (Cl. Waldron).

665. **Vicia villosa** Roth, Tent. Fl. Germ. II, II, 182. (1793.)

Fargo (Cl. Waldron).

LATHYRUS Theophrastus Hist. 8. Columella 2, 10, 19, 9, 7. Tour. Elém. 315. (1694). Linn. Gen. 326. (1754). *Cicercula* Plinius 18: 12.

666. **Lathyrus venosus** Muhl.; Willd' Sp. Pl. 3: 1092. (1803).

Devils Lake, Turtle Mountains. Fourteen years I found this plant occupying a plot of about an acre surface capacity on the Devils Lake ground. It was supported by some invisible shrubbery raising it several feet above the level, with the apparent exclusion of all other plant life. It looked like a hill composed of flowers in myriads. In all my life I have seen nothing as beautiful. Chatauqua colonization, incessant smoke from gasoline engines and domestic animal visitation wiped out all this splendor, not as fast as fire would, but more thoroughly. Nature is exclusive, the more so to those not appreciating her loveliness, and she withdraws her most exquisite grandeur in the presence of unfriendly man.

667. **Lathyrus paluster** Linn. Sp. Pl. 733. (1753.) (Cor.)

Pleasant Lake, Rolla.

668. **Lathyrus ochroleucus** Hook., Fl. Bor. Am. I: 159. (1833).

Lathyrus glaucifolius Beck. Bot. 90. (1833).

Devils Lake, Pleasant Lake, Turtle Mountains, Minot.

669. **Lathyrus** sp.

In a plot of Siberian wheat. Dickinson (Cl. Waldron).

AMPHICARPAEA Ell. Journ. Acad. Phil. I: 372. (1817).

Falcata Gmel. in L. Syst. Nat. Ed. 13, 2: 1131. (1796). Being just an adjective, with no *distinctive* meaning, like *round*, *green*, etc., this name is objectionable.

670. **Amphicarpaea comosa** (Linn.) Nwd. & Ll.

Glycine comosa Linn. Sp. Pl. 754. (1753).

Glycine monoica Linn.) Ell. l. c. 373.

Falcata comosa (Linn.) Kuntze. Rev. Gen. Pl. 182. (1891).

Devils Lake; Washburn (O. A. Stevens).

PHASEOLUS Diosc. 2: 130. Virg. Georg. I: 222. Plinius 18: 7. Colum, 10: 37, 7: 2, 10: 11, 2.

671. **Phaseolus nanus,** called by Columella Fasellus.

Occasional escape. Leeds.

STROPHOSTYLES Ell. Bot. S. C. & Ga. 2: 229. (1822).

672. **Strophostyles pauciflora** (Benth.) S. Wats. in A. Gray, Man. Ed. VI: 145 (1890).

Phaseolus pauciflorus Benth. Comm. Leg. Gen. 76. (1837).

Morton Co. (W. B. Bell.)